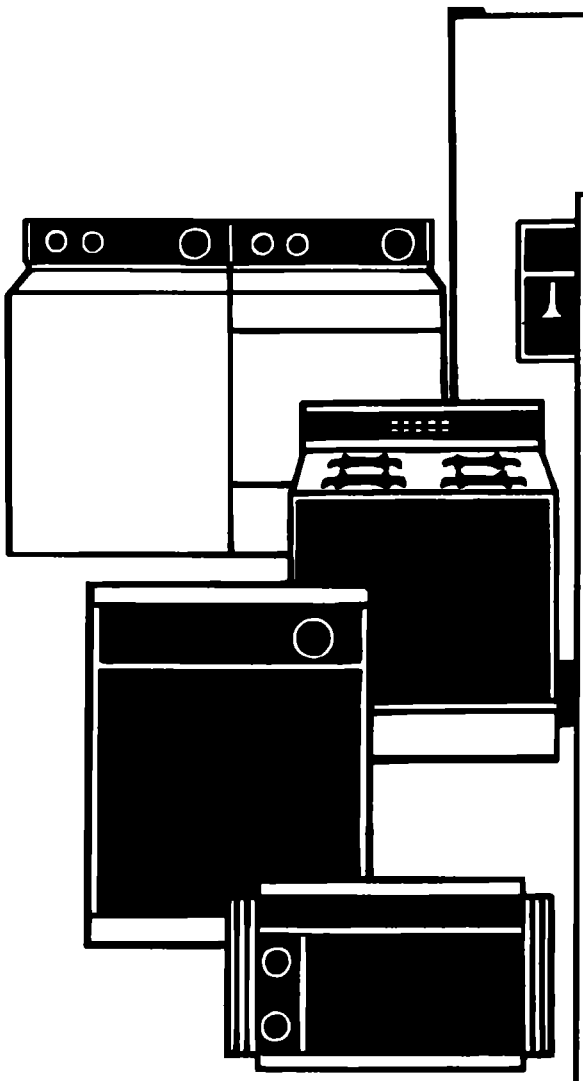
ROPER®

Home Appliances

Use And Care GUIDE



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1-800-44-ROPER
Call us with questions or comments.

SELF-CLEANING ELECTRIC RANGE

MODEL FES355Y

A Note To You

Thank you for buying a Roper appliance.

You have purchased a quality, *world-class* home appliance. Years of engineering experience have gone into its manufacturing. To ensure that you will enjoy many years of trouble-free operation, we have developed this Use and Care Guide. It is full of valuable information on how to operate and maintain your appliance properly and safely. Please read it carefully. Also, please complete and mail the Ownership Registration Card provided with your appliance. This will help us notify you about any new information on your appliance.

Your safety is important to us.

This guide contains safety symbols and statements. Please pay special attention to these symbols and follow any instructions given. Here is a brief explanation of the use of each symbol.

⚠WARNING

This symbol will help alert you to such dangers as personal injury, burns, fire and electrical shock.

⚠CAUTION

This symbol will help you avoid actions which could cause product damage (scratches, dents, etc.) and damage to your personal property.

Our toll-free number, 1-800-44-ROPER (1-800-447-6737), is available 24 hours a day.

If you ever have a question concerning your appliance's operation, or if you need service, first see "If You Need Assistance Or Service" on page 34. If you need further help, feel free to call us. When calling, you will need to know your appliance's complete model number and serial number. You can find this information on the model and serial number plate (see diagram on page 6). For your convenience, we have included a handy place below for you to record these numbers, the purchase date from the sales slip and your dealer's name and telephone number. Keep this book and the sales slip together in a safe place for future reference.

Model Number _____

Serial Number _____

Purchase Date _____

Dealer Name _____

Dealer Phone _____

Important Safety Instructions

⚠WARNING To reduce the risk of fire, electrical shock, injury to persons, or damage when using the range, follow basic precautions, including the following:

General

- Read all instructions before using the range.
- Install or locate the range only in accordance with the provided Installation Instructions. The range must be installed by a qualified installer. The range must be properly connected to electrical supply and grounded.

- WARNING: To reduce the risk of tipping of the appliance, the appliance must be secured by a properly installed anti-tip bracket. To check if the bracket is installed properly, see "The anti-tip bracket" on page 24.
- CAUTION: Do not store things children might want above the range. Children could be burned or injured while climbing on it.
- Do not leave children alone or unattended in area where the range is in use. They should never be allowed to sit or stand on any part of the range. They could be burned or injured.
- Do not operate the range if it is damaged or not working properly.
- Do not use the range for warming or heating the room. Persons could be burned or injured, or a fire could start.
- Use the range only for its intended use as described in this manual.

- Do not touch surface units, areas near units, heating elements or interior surfaces of oven. Surface units and heating elements may be hot even though they are dark in color. Areas near surface units and interior surfaces of an oven become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact surface units, areas near units, heating elements or interior surfaces of oven until they have had sufficient time to cool. Other surfaces of the range may become hot enough to cause burns; such as, the oven vent opening, the surface near the vent opening, the cooktop, the oven door and window.

- Do not wear loose or hanging garments when using the range. They could ignite if they touch a hot surface unit and you could be burned.

continued on next page

- Use only dry potholders. Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholder touch hot heating elements. Do not use a towel or bulky cloth for a potholder. It could catch on fire.
- Keep range vents unobstructed.
- Do not heat unopened containers. They could explode. The hot contents could cause burns and container particles could cause injury.
- Do not store flammable materials on or near the range. The fumes can create an explosion and/or fire hazard.

When using the cooktop

- Make sure the reflector bowls are in place during cooking. Cooking without reflector bowls may subject the wiring and components underneath them to damage.
- Do not line reflector bowls with aluminum foil or other liners. Improper installation of these liners may result in a risk of electrical shock or fire.
- Select a pan with a flat bottom that is about the same size as the surface unit. If pan is smaller than the surface unit, some of the heating element will be exposed and may result in the igniting of clothing or potholders. Correct pan size also improves cooking efficiency.
- Check to be sure glass cooking utensils are safe for use on the range. Only certain types of glass, glass-ceramic, ceramic, earthenware or other glazed utensils are suitable for cooktops without breaking due to the sudden change in temperature.
- Never leave surface units unattended at high heat settings. A boilover could result and cause smoking and greasy spillovers that may ignite.

- Turn pan handles inward, but not over other surface units. This will help reduce the chance of burns, igniting of flammable materials, and spills due to bumping of the pan.

When using the oven

- Always position oven rack(s) in desired location while oven is cool. If a rack must be removed while oven is hot, do not let potholder contact hot heating element in oven.
- Use care when opening oven door. Let hot air or steam escape before removing or replacing food.

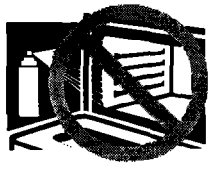
Grease

- Grease is flammable. Do not allow grease to collect around cooktop or in vents. Wipe spill-overs immediately.

- Do not use water on grease fires. Never pick up a flaming pan. Smother flaming pan on range by covering with a well-fitted lid, cookie sheet or flat tray. Flaming grease outside of pan can be extinguished with baking soda or, if available, a multipurpose dry chemical or foam-type extinguisher.

Care and cleaning

- Do not soak removable heating elements in water. The element will be damaged and shock or fire could result.
- Small amounts of formaldehyde and carbon monoxide are given off in the Self-Cleaning cycle from fiberglass insulation and food decomposition. Significant exposure to these substances can cause cancer or reproductive harm. Exposure can be minimized by venting with a hood or open window and wiping out excess food spills prior to self-cleaning.

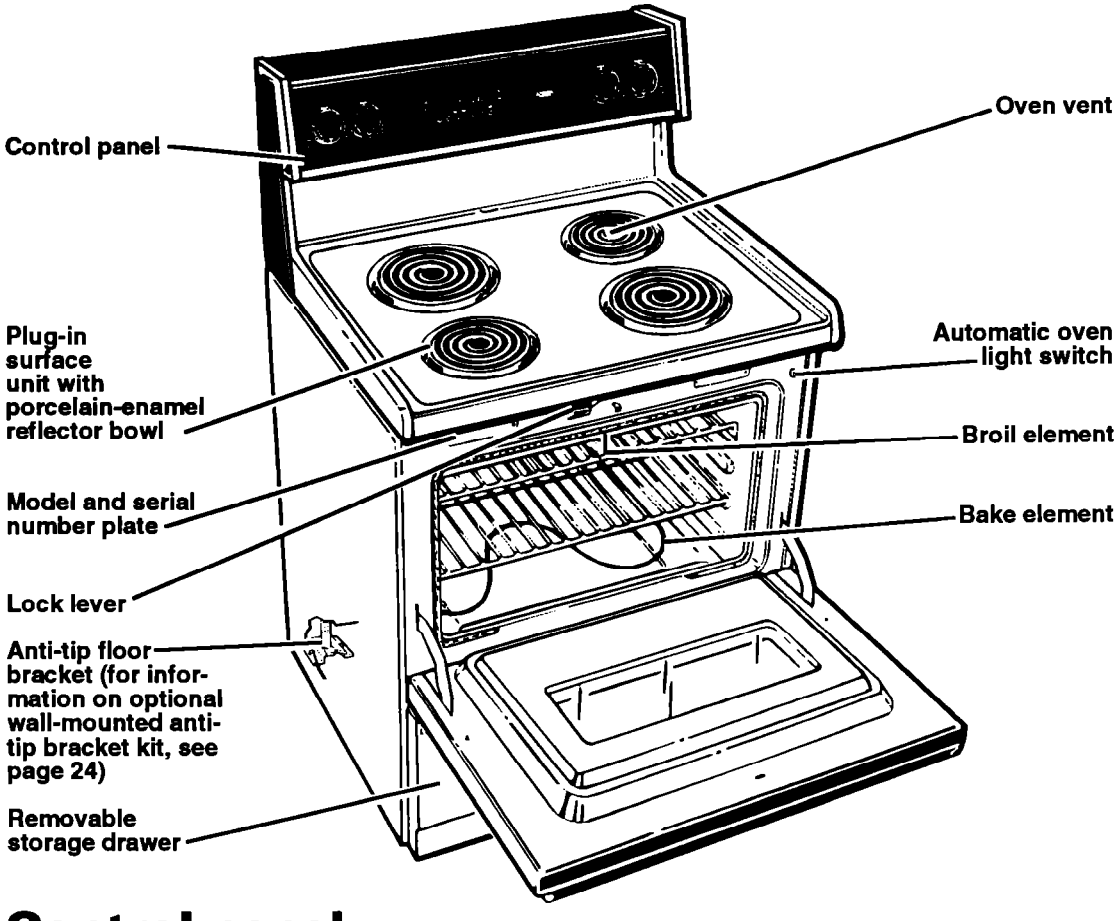


- Do not use oven cleaners. No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the oven.
- Before self-cleaning the oven, remove broiler pan, broiler grid, oven racks and other utensils. Do not use your oven to clean miscellaneous parts unless you are instructed to do so in this Use and Care Guide.
- Do not clean door heat seal. It is essential for a good seal. Care should be taken not to rub, damage or move the seal. Clean only parts recommended in this Use and Care Guide.
- Do not repair or replace any part of the range unless specifically recommended in this manual. All other servicing should be referred to a qualified technician.
- Disconnect the electrical supply before servicing the range.

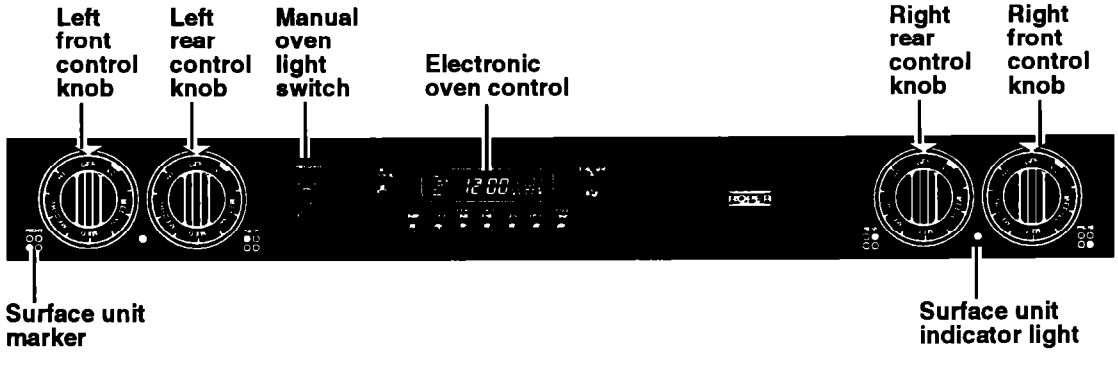
– SAVE THESE INSTRUCTIONS –

Parts And Features

This section contains captioned illustrations of your range. Use them to become familiar with the location and appearance of all parts and features.


Control panel
Oven vent
Plug-in surface unit with porcelain-enamel reflector bowl
Automatic oven light switch
Broil element
Model and serial number plate
Bake element
Lock lever
Anti-tip floor bracket (for information on optional wall-mounted anti-tip bracket kit, see page 24)
Removable storage drawer

Control panel



Using Your Range

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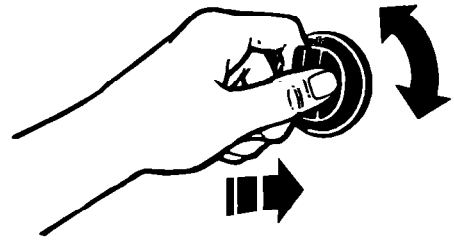
To obtain the best cooking results possible, you must operate your range properly. This section gives you important information for efficient and safe use of your range.

Using the surface units

Push in control knobs before turning them to a setting. You can set them anywhere between HI and OFF.



Surface unit markers

The solid dot in the surface unit marker shows which surface unit is turned on by that knob.

Surface unit indicator lights

One of the Surface Unit Indicator Lights on the control panel will glow when a surface unit is on.

⚠WARNING

Burn and Fire Hazard

Be sure all control knobs are turned to OFF and all indicator lights are OFF when you are not cooking.

Someone could be burned or a fire could start if a surface unit is accidentally left ON.

Until you get used to the settings, use the following as a guide. For best results, start cooking at the high setting; then turn the control knob down to continue cooking.

SETTING	RECOMMENDED USE
HI	• To start foods cooking. • To bring liquids to a boil.
MED-HI	• To hold a rapid boil. • To fry chicken or pancakes.
MED	• For gravy, pudding and icing. • To cook large amounts of vegetables.
MED-LO	• To keep food cooking after starting it on a higher setting.
LO	• To keep food warm until ready to serve.

Cookware tips

- **Select a pan** that is about the same size as the surface unit.
- **NOTE: For best results and greater energy efficiency,** use only flat-bottomed cookware that makes good contact with the surface units. Cookware with rounded, warped, ribbed (such as some porcelain enamelware) or dented bottoms could cause severe overheating, which damages the cookware and/or surface unit.

  You can, however, use the newer cookware available with slightly indented bottoms or very small expansion channels. This cookware is specially designed to provide the good contact needed for best cooking results.

  Also, woks, canners and teakettles with flat bottoms suitable for use on your cooktop are now available in most stores that sell housewares.
- **The pan** should have straight sides and a tight-fitting lid.
- **Choose medium to heavy gauge** (thickness) pans that are fairly lightweight.
- **The pan material** (metal or glass) affects how fast heat transfers from the surface unit through the pan material and how evenly heat spreads over the pan bottom. Choose pans that provide the best cooking results.
- **Handles** should be made of sturdy, heat-resistant material and be securely attached to the pan.

⚠CAUTION

Product Damage Hazard

- If a surface unit stays red for a long time, the bottom of the pan is not flat enough or is too small for the surface unit. Prolonged usage of incorrect utensils could result in damage to the surface unit, cooktop, wiring and surrounding areas. To prevent damage, use correct utensils, start cooking on HI and turn control down to continue cooking.
- Do not leave an empty utensil, or one which has boiled dry, on a hot surface unit. The utensil could overheat and could damage the utensil or surface unit.

Home canning information

To protect your range:

- **Use flat-bottomed canners/pans** for best results.
- **Use the largest surface unit** for best results. Also, use a canner/pan which can be centered over the surface unit and which does not extend more than one inch outside surface unit area. Large diameter canners/pans, if not properly centered, trap heat and can cause damage to the cooktop.
- **Do not place canner** on two surface units at the same time. Too much heat will build up and will damage the cooktop.
- **Start with hot water.** This reduces the time the control is set on high. Reduce heat setting to lowest position needed to keep water boiling.
- **Keep reflector bowls clean** for best heat reflection.
- To prolong the life of the elements:
  - **Prepare small batches** at a time.
  - **Do not use elements** for canning all day.

Optional canning kit

The large diameter of most water-bath or pressure canners combined with high heat settings for long periods of time can shorten the life of regular surface units and cause damage to the cooktop.

If you plan to use the cooktop for canning, we recommend the installation of a Canning Kit. Order the kit (Part No. 242905) from your Roper dealer or authorized Roper service company.

Positioning racks and pans

For baking/roasting with one rack, place the rack so the top of the food will be centered in the oven.

Rack placement for specific foods:

FOOD	RACK POSITION
Frozen pies, large roasts, turkeys	Lowest level or 2nd level from bottom
Angel and bundt cakes, most quick breads, yeast breads, casseroles, meats	2nd level from bottom
Cookies, biscuits, muffins, cakes, nonfrozen pies	2nd or 3rd level from bottom

When baking on two racks, arrange racks on bottom and third level from bottom.

NOTE: For recommended rack placement when broiling, see "Broiling rack position chart" on page 17.

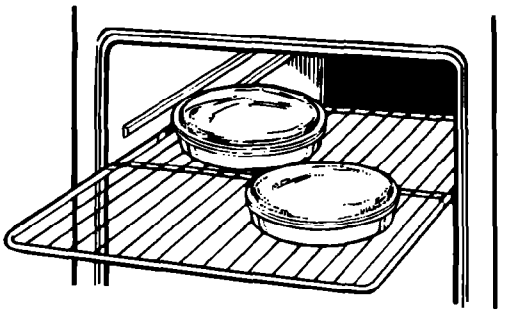
⚠WARNING

Personal Injury Hazard

- Always position oven rack(s) in desired location before turning oven on. Be sure the rack(s) is level.
- If rack(s) must be moved while oven is hot, use potholders or oven mitts to protect hands.

Failure to follow the above precautions could result in personal injury.

For best air circulation



Hot air must circulate around the pans in the oven for even heat to reach all parts of the oven. This results in better baking.

- **Place** the pans so that one is not directly over the other.
- **For best results, allow** 1½ to 2 inches (4-5 cm) of space around each pan and between pans and oven walls. There must be a minimum space of 1 inch (2.5 cm).
- **Use** only one cookie sheet in the oven at one time.

Use the following as a guide to determine where to place the pans:

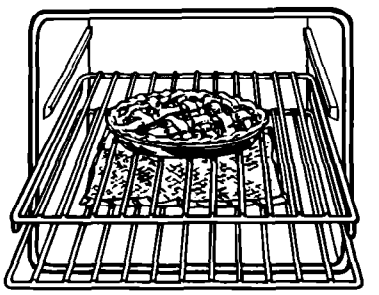
One pan
Place in the center of the oven rack.

Two pans
Place in opposite corners of the oven rack.

Three or four pans
Place in opposite corners on each oven rack. Stagger pans so no pan is directly over another.

Using aluminum foil for baking

Use aluminum foil to catch spillovers from pies or casseroles:



- **Place** the foil on the oven rack below the rack with the food. **Turn up** foil edges and **make sure** foil is about 1 inch (3 cm) larger all around than the dish holding the food.
- **Do not cover** the entire rack with aluminum foil. It will reduce air circulation and cause poor cooking results.
- **Do not line** oven bottom or entire oven rack with foil or other liners. Poor baking will result.

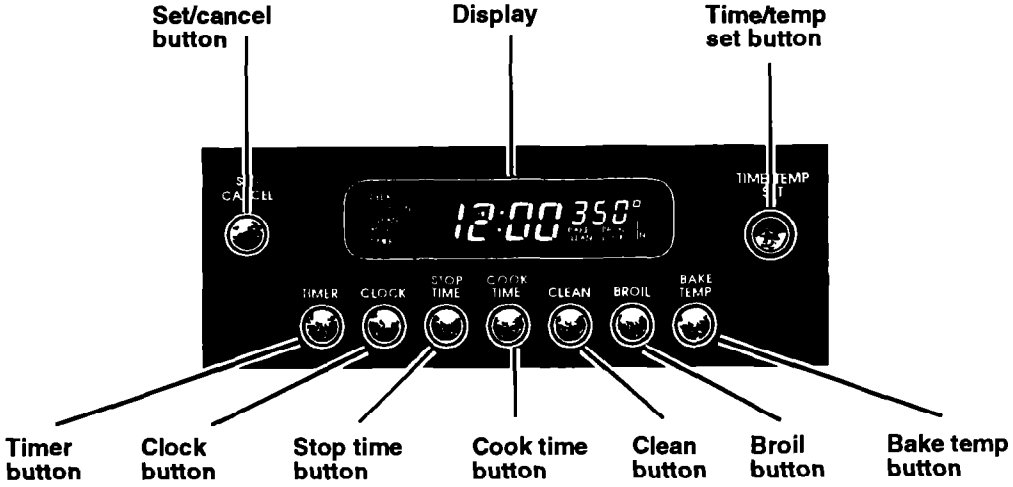
⚠WARNING

Electrical Shock and Fire Hazard

Do not allow foil to touch the heating elements.

Failure to follow this precaution could result in electrical shock or fire hazard and damage to the elements.

The electronic oven control



Display/clock

- **When you first plug in the range,** the last time of day set at factory will appear in the display. If, after you set the clock (page 12), the last time of day set again appears in the display, your electricity was off for a while. Reset the clock.
- **When you are not using the oven,** the control is an accurate clock.
- **When you are using the oven or Minute Timer,** the display will show the time, temperature settings and what command buttons have been pressed.
- **When showing the time of day,** the display will show the hour and minutes.
- **When you are using the Minute Timer,** the display will show minutes and seconds in the following sequence:
  - **For settings from 0-1 minute 55 seconds,** the display will increase in 5-second increments and count down each second.
  - **For settings from 2-10 minutes,** the display will increase in 10-second increments and count down each second.
  - **For settings from 10-60 minutes,** the display will increase in 1-minute increments and count down each second.
  - **For settings from 1-2 hours,** the display will increase in 5-minute increments and count down each minute.
  - **For settings from 2 hours-9 hours 50 minutes,** the display will increase in 10-minute increments and count down each minute.
- **When you are using Cook Time and/or Stop Time,** the display will show hours and minutes.

continued on next page

Command buttons

The command buttons tell the oven what to do and in what order. A few examples:

- **Clock** tells the oven you are going to set the clock.
- **Set/Cancel** tells the oven to turn off.

Each command button (except Set/Cancel) has its own Indicator Light. The Indicator Light comes on when you touch the command button.

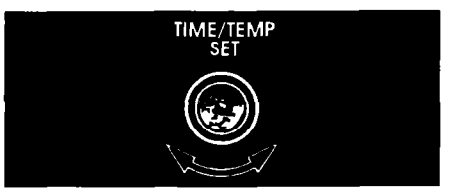
Time/Temp Set Knob

Once you've pushed a command button to tell the oven what you want it to do, you'll use the Time/Temp Set Knob to set a temperature or time. Turning the Time/Temp Set Knob clockwise increases the number on the display. Turning the Time/Temp Set Knob counterclockwise decreases the number on the display.

Setting the clock

1. **Push** the Clock button. TIME will light up in the display.

2. **Turn** the Time/Temp Set Knob until the correct time shows in the display.



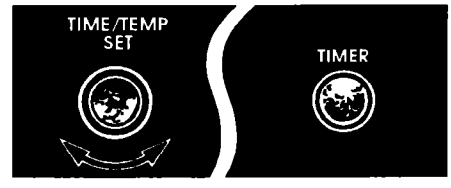
3. **Push** the Set/Cancel button to start clock operation.

Using the electronic Minute Timer

The Minute Timer does not start or stop the oven. It works like a kitchen timer. It can be set in minutes and seconds up to 9 hours and 50 minutes. You will hear 3 tones when the set time is up.

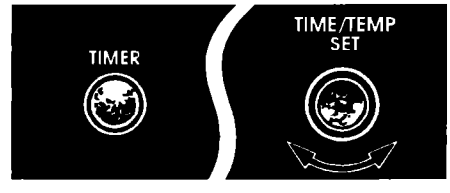
1. **Push** the Timer button. TIMER will come on and the display will show ":00".

2. **Turn** the Time/Temp Set Knob until the desired time shows in the display. The Minute Timer will begin counting down 2 seconds after the time is set. When time is up, you will hear 3 tones, then one tone every 10 seconds until you push the Timer button.



To cancel the Minute Timer:

- **Push and hold** the Timer button until the time of day shows in the display.
  OR
- **Push** the Timer button and **turn** the Time/Temp Set Knob until the time of day shows in the display.



Using the Set/Cancel button

The Set/Cancel button will cancel any function except for the Timer function. When the Set/Cancel button is pushed, the large display will show the time of day.

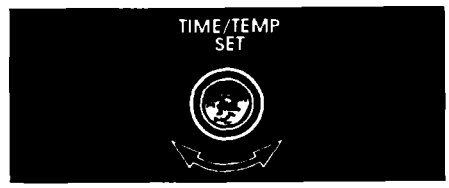
Baking/roasting

1. **Position** the rack(s) properly before turning on the oven. **To change rack position, lift** rack at front and **pull out.** For further information, **see** "Positioning racks and pans" on page 9.

2. **Push** the Bake Temp button. The small display will show "---°F" and BAKE will come on.

3. **Turn** the Time/Temp Set Knob until the desired temperature shows in the small display. Once the temperature is set, ON will come on.

   NOTE: If a bake/roast temperature is not set within 30 seconds of pushing the Bake Temp button, BAKE and "---°F" will disappear from the display.

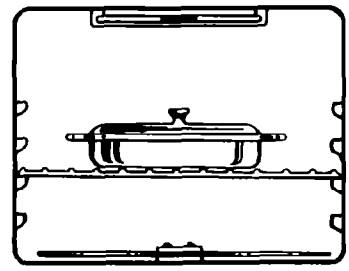


4. **When baking, preheat** the oven. (Preheating is not needed when roasting.) The oven is preheated when you hear one tone and the set temperature shows in the small display.

   NOTE: The small display will show the actual oven temperature in 5° increments, starting at 100°, while the oven is preheating.

5. **Put** food in the oven. During baking/roasting, the elements will turn on and off to keep the oven temperature at the setting.

   NOTE: The top element helps heat during baking/roasting, but does not turn red.



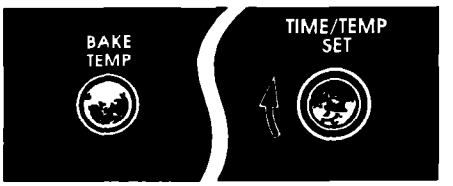
6. **When baking/roasting is done, push** the Set/Cancel button. The time of day will show in the display.

Adjusting the oven temperature control

Oven temperature controls will gradually shift after years of use. So, even though your new oven is properly adjusted to provide accurate temperatures, it may cook faster or slower than your old oven.

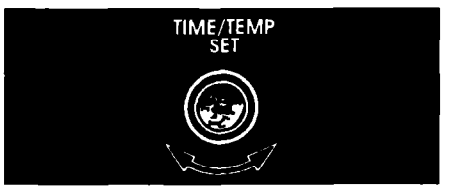
If, after using the oven for a period of time, you are not satisfied with the temperature settings, you can change them by following these steps:

1. **Push** the Bake Temp button. Turn the Time/Temp Set Knob clockwise to a temperature setting above 500°F.



2. **Immediately push and hold** the Bake Temp button again until the display shows "00".

3. **Turn** the Time/Temp Set Knob until the desired temperature change (between -35°F and +35°F) shows in the display.



4. **Push** the Set/Cancel button to enter the new temperature.

Broiling

1. **Position** the rack before turning the oven on. **See** "Broiling rack position chart" on page 17.
2. **Put** the broiler pan and food on the rack.
3. **Close** the door to the Broil Stop position (open about 4 inches [10.2 cm]). The door will stay open by itself.

   NOTE: Leave the door partly open whenever using the oven to broil. This allows the oven to maintain proper temperatures.
4. **Push** the Broil button. The small display will show "---" and BROIL will come on.

5. **Turn** the Time/Temp Set Knob until the desired broiling setting shows in the small display (1, 2, 3, 4, 5, HI).

   HI–Broil element on 100% of the time

   5–Broil element on 90% of the time

   4–Broil element on 80% of the time

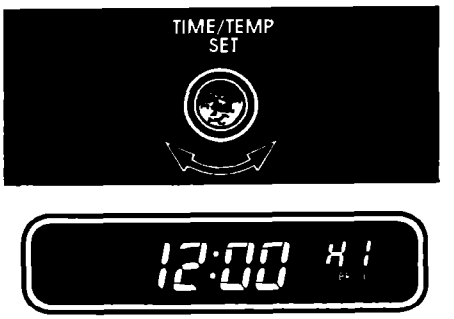
   3–Broil element on 70% of the time

   2–Broil element on 60% of the time

   1–Broil element on 50% of the time

   Most broiling is done at the HI setting. If food is cooking too fast, broil times can be varied by using broil settings 1 through 5.

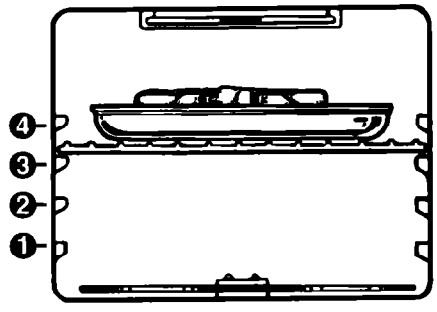
   NOTE: Fish and chicken are some foods that may cook better if you use lower broiling temperatures.



6. **When broiling is done, push** the Set/ Cancel button. Time of day will show in the display.

Broiling rack position chart

RACK POSITION FROM BOTTOM	TYPE OF FOOD/ DONENESS
4	Hamburger patties and thin steaks, ½" thick or less
3	Quickly searing food, rare and medium steaks, medium patties, ham slices, fish steaks, frankfurters
2	Well-done steaks and patties, lamb chops, split chicken, pork steaks and chops, whole fish



Broiling tips

- **Use** the broiler pan and grid for broiling. They are designed to drain excess liquid and grease away from the cooking surface to help prevent spatter, smoke or fire.
- **Refer** to a broiling chart in a reliable cookbook for correct broiling times.
- **After broiling, remove** the broiler pan from the oven when you remove the food. Drippings will bake on the pan if you leave it in the heated oven.

⚠WARNING

Fire Hazard

- Place meat the correct distance from the element. Meat placed too close to the element could spatter, smoke, burn or catch fire during broiling.
- To ensure adequate grease drainage, do not use cookie sheets or similar pans for broiling. Also, covering the broiler grid with foil is not recommended. Poor drainage of grease could result in fire. If foil is used, cut slits in foil to line up with all openings in broiler grid. Grease can then drain away and cool in pan.

Energy saving tips

Although the energy used for cooking is usually a very small percentage of the total energy used in the home, cooking energy can be used efficiently. Here are some tips to help you save energy when using your cooking product:

- **Use** pans with flat bottoms, straight sides and tight-fitting lids.
- **Match** the pan to the surface unit size.
- **Cook** with a minimum of liquid or fat to help shorten cooking time.
- **Preheat** pans only when recommended and for the shortest time possible.
- **Start** food on higher heat settings, then set surface unit control on low or off to finish cooking. Use retained heat for cooking when possible.
- **Use** the more efficient surface units instead of the oven when possible.
- **Turn on** the surface unit only after placing filled pan on the unit.
- **"Oven peeking"** may cause heat loss, longer cooking times and unsatisfactory baking results. Rely on your timer to keep track of the cooking time.
- **Bake** cakes, pies or cookies when oven is warm. Best time to bake is right after a meal has been cooked in oven.
- **Preheat** the oven no longer than necessary.
- **Plan** your meals for the most efficient use of the range. When using the oven to cook one food, try to cook the rest of the meal in it also.
- **Do not preheat** when broiling, roasting or cooking items such as casseroles.
- **Keep** reflector bowls clean for best heat reflection.

Using the electronic oven control

The electronic oven control will turn the oven on and off at times you set, even when you are not around.

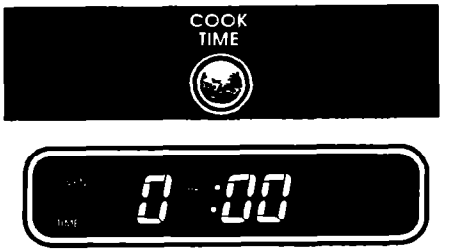
Delayed time baking/roasting is ideal for foods which do not require a preheated oven, such as meats and casseroles. **Do not use delayed time cooking for cakes, cookies, etc. – undercooking will result.**

Before using the electronic oven control, make sure the clock is set to the correct time of day. (See "Setting the clock" on page 12.)

To start baking/roasting now and stop automatically

1. **Position** the oven rack(s) properly and **put** food in the oven.

2. **Push** the Cook Time button. OVEN, TIME and HR will come on. ON will not come on until the time of day that oven is to be turned on is reached. If you start baking/roasting immediately, ON will come on.

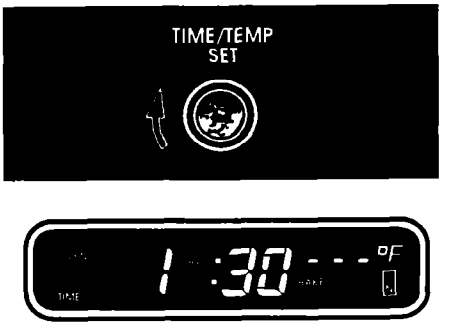


3. **Turn** the Time/Temp Set Knob clockwise until the desired baking/roasting time shows in the large display.

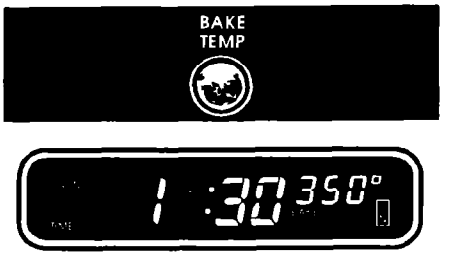
   When you are using the Cook Time and/or Stop Time button, the display shows hours and minutes in the following sequence:

   - **For settings from 0-2 hours,** the display will increase in first a 10-minute increment, then 5-minute increments.
   - **For settings from 2 hours-11 hours 55 minutes,** the display will increase in 5-minute increments.

   The small display and BAKE will flash and a tone will keep sounding until Step 4 is done.



4. **Push** the Bake Temp button and **set** the desired baking/roasting temperature. The small display will show the set temperature while the large display shows the remaining baking/roasting time. OVEN, TIME, HR, BAKE and ON will come on.



5. **The large display** will count down in minutes. The small display will show the actual oven temperature until the set temperature is reached. A tone will sound at that time.

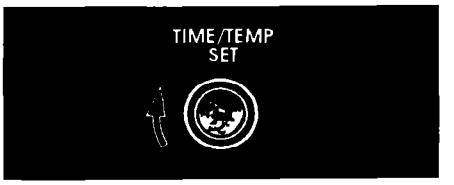
6. **When the baking/roasting time is completed,** three tones will sound. The large display will show "0:00" and OVEN, TIME and HR will come on. A tone will sound every 10 seconds until the Set/Cancel button is pushed.

7. **Push** the Set/Cancel button to return to the time of day. If the Set/Cancel button is not pushed, a tone will sound every 10 seconds.

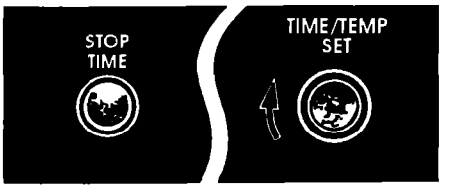
To delay start and stop automatically

1. **Position** the oven rack(s) properly and **put** food in the oven.
2. **Push** the Cook Time button. OVEN, TIME and HR will come on. ON will not come on until the time of day that oven is to be turned on is reached.

3. **Turn** the Time/Temp Set Knob clockwise until the desired baking/roasting time shows in the large display. The small display and BAKE will flash and a tone will keep sounding until Step 4 is done.



4. **Push** the Stop Time button. The large display will show the current stop time and STOP TIME will come on. **Turn** the Time/Temp Set Knob clockwise until the desired stop time shows in the display. DELAY and OVEN will come on. The small display and BAKE will flash and a tone will keep sounding until Step 5 is done.



5. **Push** the Bake/Temp button and **set** the desired baking/roasting temperature.
6. **Changes can be made** at any time by pushing a command button.

7. **When the start time is reached,** DELAY and OVEN will go off. The display will show the actual oven temperature and the stop time. STOP TIME, BAKE and ON will come on.

8. **When the baking/roasting time is completed,** three tones will sound. The large display will show "0:00" and OVEN, TIME and HR will come on. A tone will sound every 10 seconds until the Set/ Cancel button is pushed.

To cancel automatic oven control settings:

Push the Set/Cancel button.

⚠WARNING

To avoid sickness and food waste when using delay start:

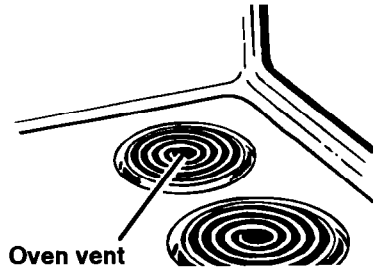
- Do not let most UNFROZEN food stand for more than two hours before cooking starts.
- Do not allow food to remain in oven for more than two hours after the end of cooking cycle.

NOTE: Do not use foods that will spoil while waiting for cooking to start. Such foods are: dishes with milk or eggs, cream soups and cooked meats or fish. Also, foods containing baking powder or yeast will not rise properly when cooked using delay start.

The oven vent

Hot air and moisture escape from the oven through a vent under the right, rear surface unit. You can cook on the unit or keep food warm on it while the oven is on. **Do not block the vent.** Poor baking/roasting can result.

NOTE: Plastic utensils left over the vent can melt.



⚠WARNING

Burn and Fire Hazard

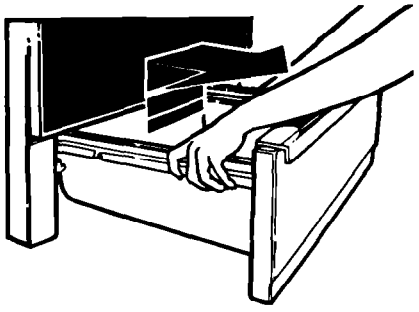
- If you leave a utensil on the right rear surface unit, use potholders when moving it. Pan handles could become hot enough to burn.
- Keep flammable materials away from oven vent. Failure to do so could result in burns or a fire.

The storage drawer

You can remove the storage drawer to make it easier to clean under the range and to check for installation of the anti-tip floor bracket (if you have one). **Use care when handling the drawer.**

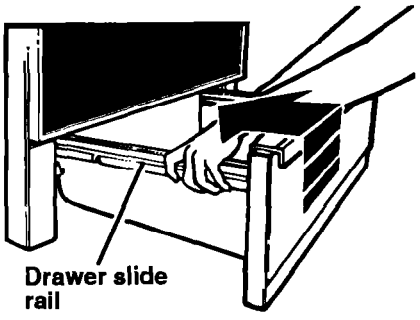
Removing the storage drawer:

1. **Empty** drawer of any pots and pans before removing drawer. **Pull** drawer straight out to the first stop. **Lift** front and **pull out** to the second stop.
2. **Lift** back slightly and **slide** drawer all the way out.



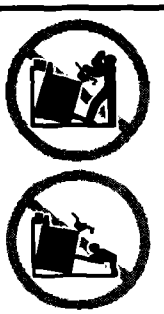
Replacing the storage drawer:

1. **Fit** ends of drawer slide rails into the drawer guides on both sides of opening.
2. **Lift** drawer front and **push in** until metal stops on drawer slide rails clear white stops on drawer guides. **Lift** drawer front again to clear second stop and **slide** drawer closed.



The anti-tip bracket

The range will not tip during normal use. However, tipping can occur if you apply too much force or weight to the open door without the anti-tip bracket properly secured.



⚠WARNING

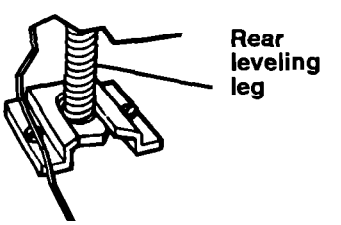
Personal Injury Hazard

- To reduce risk of range tipping over, secure range with a properly installed anti-tip bracket supplied with range or an optional wall-mounted anti-tip bracket kit.
- If range is moved for cleaning or service, check that anti-tip device is engaged before using range.

Failure to follow the above precautions could result in personal injury.

To verify the anti-tip bracket is engaged (if you have a floor bracket):

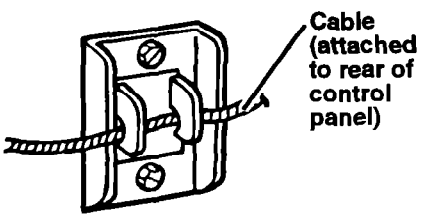
- **Remove** the storage drawer. (See page 23.)
- **Look** to see if the anti-tip bracket is attached to floor with screws.
- **Make sure** one rear leveling leg is positioned under the anti-tip bracket.
- **See** Installation Instructions for further details.



Floor bracket

To verify the anti-tip bracket is engaged (if you have a wall bracket):

- **Look** to see if the anti-tip bracket is attached with screws to the wall behind the control panel.
- **Make sure** the cable on the back of the range is secured by the two hooks on the bracket.
- **Cable** must be unhooked from wall bracket to move range for cleaning or service. Reconnect cable before using range.
- **See** Installation Instructions for further details.



Wall bracket

Optional door panel pac

If you would like to change the color of your oven door glass to white or almond, you can order one of these kits from your Roper Dealer. The kits include easy installation instructions.

- **White** (Kit No. 814069)
- **Almond** (Kit No. 814070)

Using The Self-Cleaning Cycle

In This Section

	Page		Page
How the cycle works	25	Setting the controls	26
Before you start	25	Special tips	28

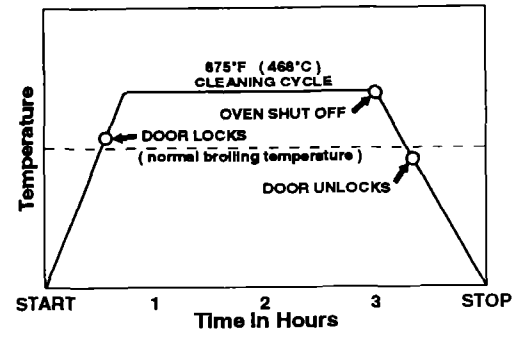
The Self-Cleaning cycle saves you from the toil and mess that often come with hand-cleaning the oven interior. Like with the other functions of your range, you operate the Self-Cleaning cycle with the easy-to-use electronic control. Please review the instructions in this section to keep your oven spotless.

How the cycle works

The Self-Cleaning cycle uses very high heat to burn away soil and grease. During the cycle, the oven gets much hotter than it does for normal baking or broiling. This high heat breaks up the soil or grease and burns it away.

Your oven is preset for a 3-hour Self-Cleaning cycle. However, you can adjust the cycle time to the amount of soil in your oven. You can set the cycle anywhere between 2 and 4 hours. (See "Setting the controls" on page 26.)

The graph at the right is representative of a normal, 3-hour Self-Cleaning cycle. Note that the heating stops when the 3-hour setting is up, but it takes longer for the oven to cool enough to unlock.

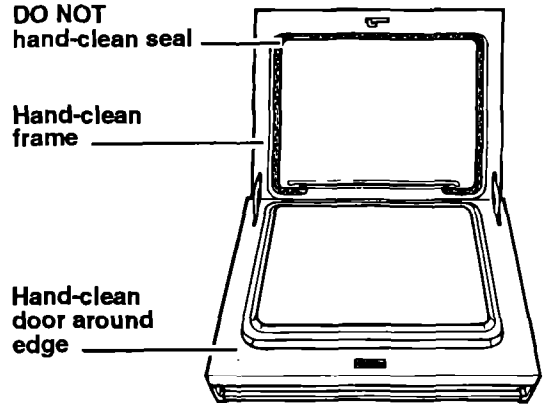


Before you start

Before you start the Self-Cleaning cycle, make sure you:

- **Hand-clean the areas shown.** They do not get hot enough during the cleaning cycle for soil to burn away. Use hot water and detergent or a soapy steel-wool pad for cleaning.

  NOTE: DO NOT clean, move or bend the seal. Poor cleaning, baking and roasting may result.



- **Remove the broiler pan grid and any pots and pans** being stored in the oven.
  NOTE: You can clean the broiler pan (without grid) in the oven if you have first removed most of the soil by hand-cleaning or a dishwasher. If most of the soil is not removed, too much smoking will occur. The chrome broiler pan grid will discolor if cleaned in the Self-Cleaning cycle.
- **Wipe out any loose soil or grease.** This will help reduce smoke during the cleaning cycle.
- **Remove the oven racks from the oven if you want them to remain shiny.** You can clean the oven racks in the Self-Cleaning cycle, but they will become harder to slide. (See page 32.) If you clean racks in the Self-Cleaning cycle, place them on the 2nd and 4th rack guides. (Guides are counted from bottom to top.)
- **Heat and odors** are normal during the Self-Cleaning cycle. Keep the kitchen well ventilated by opening a window or by turning on a vent hood or other kitchen vent during the cycle.

⚠WARNING

Personal Injury and Product Damage Hazard

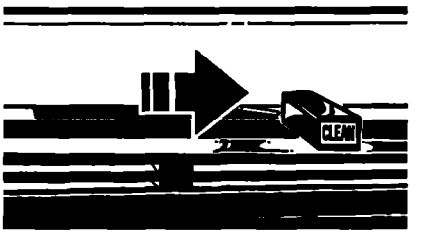
- Do not touch the oven during the Self-Cleaning cycle. It could burn you.
- Do not use commercial oven cleaners in your oven. Cleaners could produce hazardous fumes or damage the porcelain finish.
- Do not leave foil in the oven during the Self-Cleaning cycle. Foil could burn or melt and damage the oven surface.

NOTES:

- **Do not force** the Lock Lever. You could bend or break it. The lever is designed to stay locked until the oven is cool enough to safely open. Wait until it moves freely.
- **Do not block** the vent during the Self-Cleaning cycle. Air must move freely for best cleaning results.
- **Do not leave** plastic utensils near the vent. They may melt.

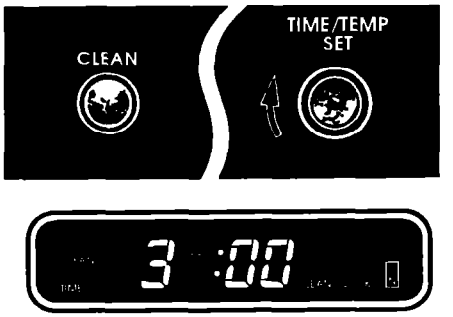
Setting the controls

1. **Make sure** the clock is set to the correct time of day. (See "Setting the clock" on page 12.)
2. **Move** the Lock Lever all the way to the right–the Clean position.



3. Set cleaning cycle.

To start cleaning immediately:



Push the Clean button and **turn** the Time/Temp Set Knob 4 settings to the right. A 3-hour Self-Cleaning cycle will be set. "3:00" will show in the large display. CLEAN, TIME, HR, CLEAN, LOCK and ON will come on.

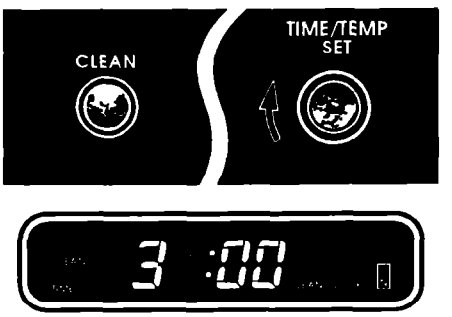
If a Self-Cleaning cycle other than 3 hours is desired, **push** the Clean button. **Turn** the Time/Temp Set Knob to the new time up to 4 hours.

- **Use 2 hours** for light soil.
- **Use 3-4 hours** for moderate to heavy soil.

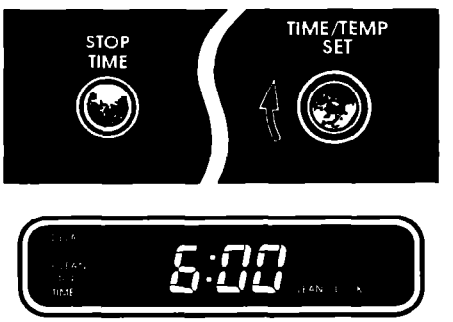
NOTE: If the door is not latched, "DOOR" will appear in the display and a tone will sound. Latch the door and LOCK will come on.

Skip to Step 4.

To delay the start:



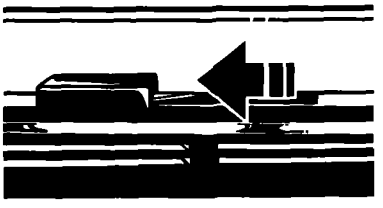
Push the Clean button and **turn** the Time/Temp Set Knob to the desired cleaning time. CLEAN, TIME, HR, CLEAN, LOCK and ON will come on.



Push the Stop Time button. The large display will show the current stop time and STOP TIME will come on. **Turn** the Time/Temp Set Knob until the desired stop time shows in the display. DELAY will come on and ON will go off.

Changes can be made at any time by pressing the Clean or Stop Time button and turning the Time/Temp Set Knob to the new desired clean or stop time.

4. **After the Self-Cleaning cycle is started,** the stop time will show in the large display. STOP TIME, CLEAN, LOCK and ON will come on. The Lock Lever **must not be moved** and the door cannot be opened after oven heats beyond normal baking/roasting temperatures.
5. **After the Self-Cleaning cycle is completed,** three tones will sound and the large display will show the time of day.
6. **When the oven reaches normal baking/roasting temperatures,** the Lock Lever can be moved back to the left and the oven door opened. **DO NOT FORCE IT. Wait** until it moves easily.



To stop the Self-Cleaning cycle at any time:

1. **Push** the Set/Cancel button.
2. **When the oven cools to below normal operating temperatures, move** the Lock Lever back to the left. **DO NOT FORCE IT. Wait** until it moves easily.

Special tips

- **Keep** the kitchen well ventilated during the Self-Cleaning cycle to help get rid of heat, odors and smoke.
- **After the oven is cool,** wipe up any residue or ash with a damp cloth or sponge. If any spots remain, clean with a mild abrasive cleanser or cleaning sponge.
- **Clean** the oven before it gets heavily soiled. Cleaning a very soiled oven takes longer and results in more smoke than usual.
- **If the Self-Cleaning cycle** does not get the oven as clean as you expected, the cycle may not have been set long enough or you may not have prepared the oven properly. Set the Self-Cleaning cycle longer the next time and hand-clean areas noted on page 25.

Caring For Your Range

In This Section

	Page		Page
Surface units and reflector bowls	29	Cleaning chart	31
Lift-up cooktop	31	The oven light	33

Your range is designed for ease of care. You can do most cleaning with items found around your home. Cleaning your range whenever spills or soiling occurs will help to keep it looking and operating like new.

⚠WARNING

Burn and Electrical Shock Hazard

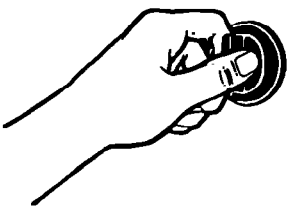
Make sure all controls are off and the range is cool before cleaning or servicing.

Failure to do so could result in burns or electrical shock.

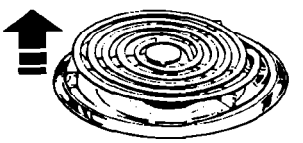
Surface units and reflector bowls

Removing

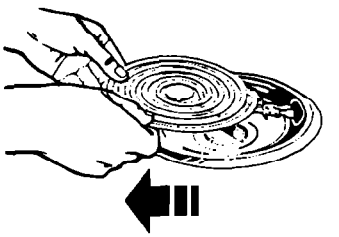
1. **Make sure** all control knobs are turned off and cool before removing surface units and reflector bowls.



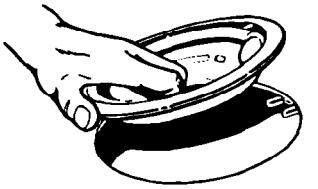
2. **Lift** the edge of the unit, opposite the receptacle, just enough to clear the element hold-down clip and the reflector bowl.



3. **Pull** the surface unit straight away from the receptacle.

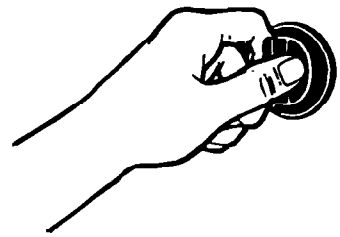


4. **Lift out** the reflector bowl. **See** "Cleaning chart" on page 32 for cleaning instructions.

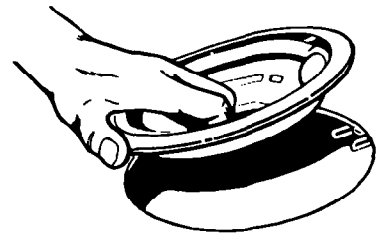


Replacing

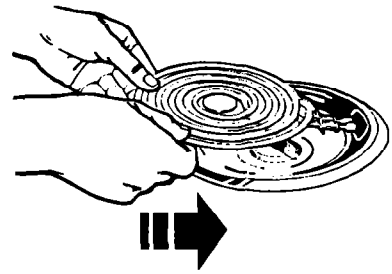
1. **Make sure** all control knobs are turned off and cool before replacing surface units and reflector bowls.



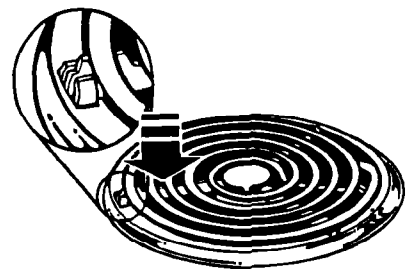
2. **Line up** openings in the reflector bowl with the surface unit receptacle and the element hold-down clip.



3. **Hold** the surface unit as level as possible with the terminal just started into the receptacle. **Push** the surface unit terminal into the receptacle.



4. **When the terminal is pushed into the receptacle as far as it will go, push down** the edge of the surface unit opposite the receptacle. The element hold-down clip will keep the surface unit from moving around.

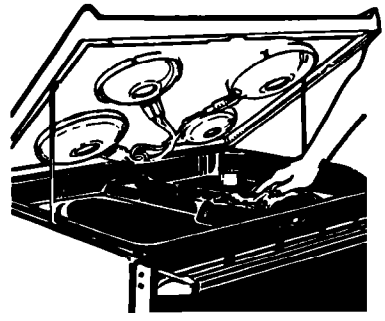


NOTE: Reflector bowls reflect heat back to the utensils on the surface units. They also help catch spills. When they are kept clean, they reflect heat better and look new longer.

If a reflector bowl gets discolored, some of your utensils may not be flat enough, or some may be too large for the surface unit. In either case, some of the heat that's meant to go into or around a utensil goes down and heats the reflector bowl. This extra heat can discolor it.

Lift-up cooktop

1. Lift front of cooktop at both front corners until the support rods lock into place.



⚠WARNING

Personal Injury Hazard

Be sure both support rods are fully extended and in the locked position.

Failure to do so could result in personal injury from the cooktop accidentally falling.

Product Damage Hazard

Do not drop the cooktop.

Damage could result to the porcelain and the cooktop frame.

2. **Wipe** with warm, soapy water. **Use** a soapy steel-wool pad on heavily soiled areas.
3. **To lower the cooktop, lift** cooktop from both sides while pressing the support rods back to unlock them. **Lower** the cooktop into place.

Cleaning chart

Use the following table to help you clean your range.

PART	WHAT TO USE	HOW TO CLEAN
Control knobs	Sponge and warm, soapy water	• Turn knobs to OFF and pull straight away from control panel. • Wash, rinse and dry thoroughly. Do not soak. • **Do not use steel wool or abrasive cleansers. They may damage the finish of the knobs.** • Replace knobs. Make sure all knobs point to OFF.
Control panel	Sponge and warm, soapy water **OR** Paper towel and spray glass cleaner	• Wash, rinse and dry thoroughly. • **Do not use steel wool or abrasive cleansers. They may damage the finish.** • Do not spray cleaner directly on panel. Apply cleaner to paper towel. **NOTE:** Make sure you have not turned the oven on when cleaning panel. If you have, push the Set/Cancel button.

continued on next page

PART	WHAT TO USE	HOW TO CLEAN
Exterior surfaces (other than control panel)	Sponge and warm, soapy water	• Wash, rinse and dry thoroughly. • Use nonabrasive, plastic scrubbing pad on heavily soiled areas. • **Do not use abrasive or harsh cleansers. They may damage the finish.** **NOTE:** Do not allow foods containing acids (such as vinegar, tomato or lemon juice) to remain on surface. Acids may remove the glossy finish. Also wipe up milk or egg spills when cooktop is cool.
Surface units	No cleaning required	• Spatters or spills will burn off. • **Do not immerse in water.**
Porcelain-enamel reflector bowls	Nonabrasive, plastic scrubbing pad and warm, soapy water **OR** The Self-Cleaning cycle	• Wipe off excess spills. • Wash, rinse and dry thoroughly. **OR** • Place upside down on oven racks in oven during the Self-Cleaning cycle.
Broiler pan and grid (clean after each use)	Steel-wool pad and warm, soapy water	• Wash, rinse and dry thoroughly. • **Do not clean in Self-Cleaning cycle.** (See note on page 26.)
Oven racks	Steel-wool pad and warm, soapy water **OR** The Self-Cleaning cycle	• Wash, rinse and dry thoroughly. **OR** • Leave in oven during Self-Cleaning cycle. **NOTE:** Racks will permanently discolor and become harder to slide if left in oven during Self-Cleaning cycle. Apply a small amount of vegetable oil to the side rungs to aid sliding.
Oven door glass	Paper towel and spray glass cleaner **OR** Warm, soapy water and a nonabrasive, plastic scrubbing pad	• Make sure oven is cool. • Follow directions provided with the cleaner. • Wash, rinse and dry thoroughly.
Oven cavity	Self-Cleaning cycle	• See "Using The Self-Cleaning Cycle" on pages 25-28.

The oven light

The oven light will come on when you open the oven door. To turn the light on when the oven door is closed, use the Oven Light Switch on the control panel.

⚠WARNING

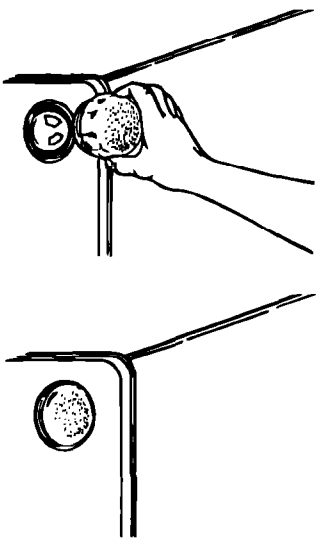
Electrical Shock and Personal Injury Hazard

- Make sure oven and light bulb are cool and power to the range has been turned off before replacing the light bulb. Failure to do so could result in electrical shock or burns.
- The bulb cover must be in place when using the oven. The cover protects the bulb from breaking, and from high oven temperatures. Because bulb cover is made of glass, be careful not to drop it. Broken glass could cause injury.

To replace the oven light:

1. **Unplug** appliance or **disconnect** at the main power supply.
2. **Remove** the glass bulb cover in the back of the oven by screwing it out counterclockwise.
3. **Remove** the light bulb from its socket. **Replace** the bulb with a 40-watt appliance bulb.
4. **Replace** the bulb cover by screwing it in clockwise. **Plug in** appliance or **reconnect** at the main power supply.

NOTE: The oven light will not work during the Self-Cleaning cycle.



If You Need Assistance Or Service

This section is designed to help you save the cost of a service call. Part 1 of this section outlines possible problems, their causes, and actions you can take to solve each problem. Parts 2 and 3 tell you what to do if you still need assistance or service. When calling our toll-free telephone number for help or calling for service, please provide a detailed description of the problem, your appliance's complete model and serial numbers and the purchase date. (See page 2.) This information will help us respond properly to your request.

1. Before calling for assistance ...

Performance problems often result from little things you can find and fix without tools of any kind. Please check the chart below for problems you can fix. It could save you the cost of a service call.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Nothing will operate	The power cord is not plugged into a live circuit with proper voltage.	Plug the power cord into a live circuit with proper voltage. (See Installation Instructions.)
	A household fuse has blown or a circuit breaker has tripped.	Replace household fuse or reset circuit breaker.
The oven will not operate	The electronic control has not been set correctly.	Refer to pages 14-21 for setting the electronic control.
	A delayed start time has been programmed.	Wait for the start time to be reached.
The surface units will not operate	A household fuse has blown or a circuit breaker has tripped.	Replace household fuse or reset circuit breaker.
	Surface units are not plugged in all the way.	Turn control knobs to OFF and plug surface units in all the way. (See "Replacing" on page 30.)
	The control knobs are not being set correctly.	Push control knobs in before turning to a setting.
Control knob(s) will not turn	You are not pushing in before turning.	Push control knob(s) in before turning to a setting.
The Self-Cleaning cycle will not operate	The range clock does not show the correct time of day.	Reset clock to show the correct time of day. (See page 12.)
	The Lock Lever is not in the Clean position–all the way to the right.	Move Lock Lever all the way to the right.
	A delayed start time has been programmed.	Wait for the start time to be reached.

ROPER®
Electric Range
Warranty

LENGTH OF WARRANTY	WE WILL PAY FOR
FULL ONE-YEAR WARRANTY (from date of purchase)	Replacement parts and repair labor to correct defects in materials or workmanship. Service must be provided by an authorized Roper service company.

WE WILL NOT PAY FOR

A. Service calls to:

1. Correct the installation of your range.
2. Instruct you how to use your range.
3. Replace house fuses or correct house wiring.
4. Replace owner accessible light bulbs.

B. Repairs when your range is used in other than normal, single-family household use.

C. Pickup and delivery. Your range is designed to be repaired in the home.

D. Damage to your range caused by accident, misuse, fire, flood, acts of God, or use of products not approved by us.

E. Repairs to parts or systems caused by unauthorized modifications made to the appliance.

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This Roper appliance is warranted by Whirlpool Corporation. Under no circumstances shall it be liable under this warranty for incidental or consequential damages and all implied warranties are limited to the same time period stated in the express warranties for Roper Brand Appliances. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Outside the United States, a different warranty may apply. For details, please contact your authorized Roper distributor or military exchange.

If you need service, first see the "Assistance or Service" section of this book. After checking "Assistance or Service," additional help can be found by calling our toll-free telephone number, **1-800-44-ROPER (1-800-447-6737),** from anywhere in the U.S.A.

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